

Use of Aminazine in Psychiatry and  
Other Fields of Medicine (According  
to Soviet and Foreign Literature),  
by S. M. Shteynberg,  
RUSSIAN, per, Sovet Med, No 21,  
1957, pp 85-88.  
NIH 11-73-64  
(Loan)

*S. M. Shteynberg*

Sci-B&M  
Aug 65

286,204

Use of Aminazine in the Treatment  
of Psychic and Nervous Diseases  
and In Other Fields of Medicine (Review  
of Soviet and Foreign Literature for  
1956), by S. M. Shiteynberg.  
RUSSIAN, per, Klinicheskaya  
Med., No 35, 1957, pp 21-34.  
NIH 11-74-64  
(Loan)

*S. M. Shiteynberg*

Sci-BGM  
Aug 65

286,205

(NY-1489)

Serpasil Therapy of Nervous and Psychic Disorders,  
by S. M. Shteynberg, 8 pp. UNCLASSIFIED

RUSSIAN, no per, Sov Med, Vol XXI, No 2, Moscow,  
1957, pp 88-92.

US JPRS/NY-L-84

Sci - Med  
Apr 58  
May

62,583

Methods for the Investigation of Glazes, by  
Yu. G. Shteynberg, 5 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIII,  
No 9, 1956, pp 4-8.

Consultants Bureau

Sci - Chem, Engr

Jun 59

90,532

On the Mechanism of the Setting and Hardening of  
Puzzolanic Cements, by Yu. G. Shteynbergh, 5pp.

RUSSIAN, Zhur Prik Khim, Vol 20, No 11, 1947,  
pp 1165-70.

See Watford: Building Research Station.  
BRL Comm No 312.

Sci Museum No 51/2750

Scientific - Chemistry

DSIR/4879/CT

A11041

(NY-6942)

From Experience in Operating Equipment in  
Radio-Rebroadcast Centers, by L. I. Shteynbuk,  
I. G. Derbakov, 7 pp.

RUSSIAN, per, Vest Svyazi, No 12, 1961.

JPRS 13628

Sci

May 62

194, 320

S-5390

(NY-2950).

Treatment of Burn Patients in a Rural Hospital,  
by B. I. Shteynfel'd, 3 pp.

RUSSIAN, per, Khirurgiya, No 7, 1959, pp 112, 113.

JPRS-L-1006-N

Sci - Med - Surgery  
Oct 59

98,854

J-4760(8A)

(00-3154 )

How We Prepare Cadres of Atheists, by R. Shteyngart.

RUSSIAN, np, Agitator, No 18, September 1959,  
pp 53,54.

\*JPRS

USSR

Sociological - Religion

Nov 59

R-2589

(NY-3198).

Concerning the Working Out of the Combined Fuel  
and Power Balance, by A. Grusho, Ye. Shteyngauz,  
22 pp.

RUSSIAN, per, Plan Khoz, No 7, 1959, pp 34, 48.

JPRS-2048-1.

USSR  
Econ - Methodology - Fuel/Power,  
Dec 59

103046

Economical Method of Regenerating Propans at  
Deasphaltization Plants, by I. I. Shteyngolts.

RUSSIAN, no par, Khim i Tekh Topлива, No 7, 1956,  
pp 44-50.

Tech and Comm Tr  
\$60.00

Sci - Chemistry  
CIS/lex Jan 1957

42,005

An Accurate and Clear Interpretation for Indicators,  
by N. Shteyninger, 5 pp. UNCL

RUSSIAN, np, Ekon Gazeta, 27 Nov 1961, pp 30-31.

CIA/FDD X-4977

USSR

Econ

Aug 62

206,133

(SF-1631)

The Level of Properdin and General Immunological  
Reactivity of Children Afflicted With Rheumatism,  
by P. L. Shteynlikht, 7 pp.

RUSSIAN, per, *Pediatrics*, Vol XL, No 2, 1961, pp 32-37.

JPRS 4587

Sci - Med

May 61

152,650

Quantum Paramagnetic Amplifiers of Ultra  
High Frequencies, by V. B. Shteynshleyger, 12 pp.

RUSSIAN, per, Elektrosvyaz, No 12, 1960,  
pp 38-44. 9672520

USASIA Tr 1215

Sci - Electron

168, 278

Sep 61

(NY-000)

On the Protracted Course of Bronchial  
Cancer, by A. I. Shteyntsayg, R. K.  
Rabinovich, 13 pp.

RUSSIAN, per, Terapevticheskiy Arhiv.  
Vol XXXIII, No 6, 1961, pp 23-27.

JPRS 10590

Sci - Med  
Nov 61

174,650

Electrocapillary Curves of Mercury in the  
Presence of Polyvalent Cations, by L. M.  
Shtifman, 7 p.

RUSSIAN, per, Dok Ak Nauk BSSR, 1948, Vol [VI,]  
III, No 6, pp 709-712.

SLA 59-16743

Sci  
Feb 60  
Vol 2, No 9

107,053

The Polarographic Determination of Some Derivatives  
of 2-Ethylanthraquinone, by L. M. Shtifman, E. V.  
Syavtseillo, L. G. Kuryakova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 6,  
1958, pp 2028, 2029.

CB

Sci - Chem  
Oct 59

99,055

The Role of Sexuality and Chromosomal Disturbances  
in Analysis of the Genetic Effects of Radia-  
tion, by Ye. F. Burdakov and I. I. SHTEIN-  
bans, 3 pp.

33

RUSSIAN, see, Neptunium Radioactivity, Vol  
II, No 6, Jan 1954, pp. 3-5,  
pp. 31635

I. I. SHTEIN'bans

DEER  
Sci-3/11  
Aug 65

315,791

ON THE MODELING OF TEACHING PROCEDURES IN AUTOMATIC  
SYSTEMS BY YE. F. VOLKOVICH AND YE. V. MILIKOVA  
18 PP.

ISSUES, PED. PSYCHOLOGICAL JOURNAL, PP 133-  
139.

1978

SCIENCE & DATA PROG.  
NOV. 67

1978

Design of Transistor Smoothing Filters, by  
V. I. Shtil'man, 10 pp.

RUSSIAN, per, Radiotekhnika, No 3, 1963.

IEEE

Sci  
Jan 64

345,624

Thermoelectric Phenomena on the Sun. II. Thermal  
Currents in the Central Parts of the Sun, by  
G. M. Shtil'shtein, 7 pp.

RUSSIAN, per, Astron Zhur, Vol XL, No 3, 1963,  
pp 487-495.

Amer Inst of Phys  
Sov Astron - AJ  
Vol VII, No 3

Sci  
Apr 64

254,302

Investigation of the Influence of the Mentor on  
Formation of Hybrid Seedlings and Its Dependence on  
the Position of the Leaf in the Crown, by M. D.  
Kushnirenko, E. T. Shtin, 8 pp.

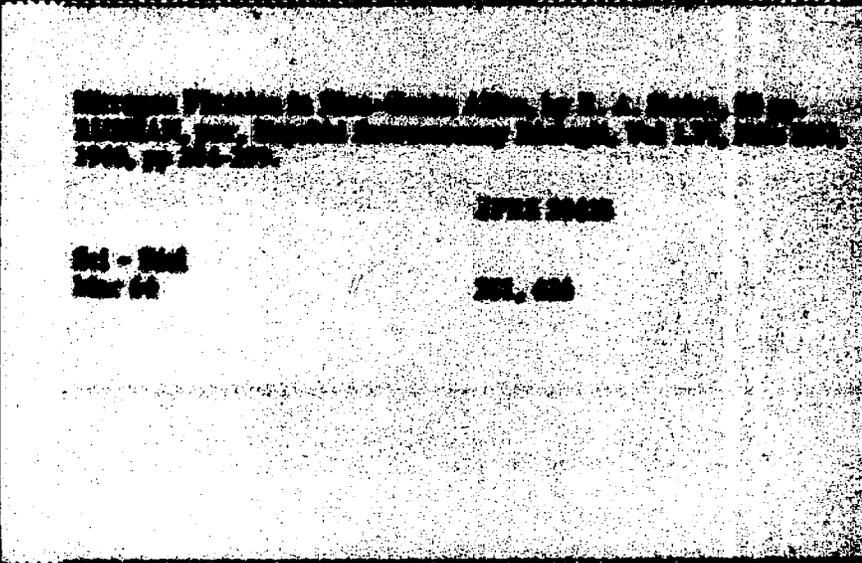
RUSSIAN, per, Fiz Rasteniy, Vol V, No 1, 1958,  
pp 42-50.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,558



Methods of Assessing Soil Algae as a Component  
of the Microflora of Soil, by E. A. Shtina,  
pp 106-111.

RUSSIAN, per, Pochvovedeniye, No 5, 1960,  
pp 550-555.

AIBS

167,954

Sci.

Sept 61

0

Experimental Study of Thiocyanate Complexes of  
Ions in Aqueous Methanol and in Aqueous Ethanol  
Solutions by Yu. I. Tur'yan, R. Ya. Shchegoleva,  
et al.

RUSSIAN, Izv. Akad. Nauk SSSR, Ser. Khim., Vol. IV, No. 6,  
1968, pp. 2452-2458.

106,513

Clarendon Press, Ltd.  
London

106-513  
Jan 69

106,513

On the Interrelation Between Effective Demand  
and Production Under Socialism, by A. Szwedlovsky,  
and V. Striplmann, 3 pp.

RUSSIAN, now, Voprosy Ekonom, Vol. III, No 5, 1959,  
pp 108-115.

Internatl Arts and Sci Press

Sci

Dec 59

101,976

The Spectrum Analysis of White Electroosmium, by  
M. V. Strigel'man, 3 pp.

RUSSIAN, per: Zaved lab, Vol XXVI, No 5, 1960,  
pp 568, 569.

ISA

Sci -  
Apr 61

149,944

Energy Spectrum for Holes in Diamond Type Crystals,  
by K. Ya. Shtigel'man, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No <sup>4</sup>,  
1960, pp 644-650.

AIP  
Sov Phys-Solid State

Sci

Jan 61

138,215

Energy Spectrum of Holes in Diamond-Type Crystals,  
by K. Ya. Shtivel'man, 4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 3,  
1960, pp 499-501.

AIP  
Sov Phys-Solid State

Sci

Feb 61

138, 507

Rotation of the Symmetry Plane of  $TE_{11}$  Waves  
by a Longitudinal Resonance  $n\lambda/2$  Slot in a  
Circular Waveguide, by L. B. Shtrepenin, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 7,  
1958, pp 1613-1616.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol III, No 7.

Sci - Phys

Mar 59

83,111

Automatic Devices for Turbojet Engines. Fuel-  
Feed Adjustment, by A. Shtoda, 11 pp.  
FOR OFFICIAL USE ONLY

RUSSIAN, per, Aviats i Kosmonavtika, No 6,  
1963, 9690572-V

FTD-ST-63-6

Sci-Aero

Jan 64

246,780

Cermets From Aluminum Oxide and Iron or Iron Alloys,  
by Werner Jellinghaus, Toshimori Shuin, 32 pp.  
NCFORR

GERMAN, per, Stahl und Eisen, Vol LXX, No 7, 1958,  
pp 419-429.

CIA/FDD XX-617

Sci - Min/met  
Jun 59

USIB INTERNAL USE ONLY

88,182

Some Results of the Spectroscopic Study of  
Aurorae and Airglow, by F. K. Shulskaya, 5 pp.  
UNCL

RUSSIAN, bk, Spektral'nye, Elektrofotometricheskiye  
i Radiolokatsionnye Issledovaniya Polyarnykh  
Siyaniy i Svacheniya Nochnogo Neba, 1959.

CI A 65 2607

X-3958

Amer Meteorol Soc  
for Geophys Res Dir  
T-RC-14

(possibly ATIC MCL-243/EM)

Sci - Geophys  
Nov 59

100,615

SITE OF ACTION OF CHLORPROMAZINE ON THE CENTRAL  
NERVOUS SYSTEM, BY SHUJI TAKAROI, 18 PP.

JAPANESE, PER, NIHON YAKURIGAKU ZASSHI, VOL ~~MM~~ LIV,  
1958, PP 7-20.

NIH 5-2-62

~~207,819~~  
207,937

SCI 1 MED

AUG 62

CHARACTERISTICS OF THE WHEEL EXPERIMENT, BY  
V. A. SMIRNOV, 16 PP.

RUSSIAN, PER. YEREMEI FIANOVSKI, NO 9, 1940,  
PP 40-50.

JPRS 22305

SCI-MISC  
SEC 63

89,319

Linear Differential Equations With Variable Coefficients  
Coefficients (International Monographs on Advanced  
Mathematics and Physics), by I. Z. Shtokalo, 96 pp.

RUSSIAN, monograph, Lineynyye Differentsial'nyye  
Uravneniya s Peremennaym Koeffitsiyentami, 1960,  
75 pp.

Hindustan Publishing Corp. (India)

Sci - Math

Mar 62

*Johnson & Beach*  
*183, 735*  
*MLA 100*

Coprecipitation in the Quantitative Analysis.  
Investigation of the Growth of Barium Sulfate  
Crystals, by A. K. Babko, M. I. Shtokalo, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 7, 1959,  
PP 779-782.

ISA

Sci

Aug 61

162,458

Coprecipitation in Quantitative Analysis. Report  
V. The Influence of a Complex Ion on the  
Precipitation of Zirconium Phosphate, by A. K.  
Babko, M. I. Shtokalo, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 6, 1958,  
pp 674-676.

Instru Soc of Amer

Sci

Apr 60

113,333

(SF-2121)

On the Stability of Computational Algorithms  
of the Approximate Solution of Boundary Prob-  
lems for Differential Equations by the Method  
of Finite Differences, by Y. Z. Shtokalo,  
6 pp.

RUSSIAN, per, Dopevidi Ak N uk Ukrain  
RSR, No 4, 1961, pp 415-419.

JPRS 13249

Sci - Phys  
Apr 62

189,866

(WVSF-2121)

A New Method for Investigating Nonlinear Differential Equations Based on the Theory of Moments, by Y. Z. Shtokalo, 6 pp.

RUSSIAN, per, Dopovidi Ak Nauk Ukrain  
RSR, No 4, 1961, pp 429-433.

JPRS 13249

Sci - Phys  
Apr 62

189.867

The Horizontal Expansion of Temperature Anomalies  
in the Ocean, by V. B. Shtokman, 14 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1940, pp 7-12.

Amer Meteorol Soc for  
Geophys Res Dir, ASTIA  
T-282

The Action of Fused Nitrate-Nitrate Mixture  
and Its Components on Molybdenum, Tungsten,  
Zirconium Tantalum, and Niobium, by E. I.  
Gurovich and G. P. Shtokman, App.

Russian, per, Zhur Prik Khim, Vol XXXII,  
No 12, 1959, pp 2673-2677

CB

Sci

Nov 60

133,175

Corrosion Activity of a Nitrate-Nitrite Molten  
Mixture, by E. I. Gurovich, G. P. Shtokman, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 10,  
1957, pp 1547-1552.

Consultants Bureau

Sci - Chem  
Jan 59

79,063

Manufacture of Lithium Carbonate from the  
Lepidolites of USSR, by E. S. Burkser, I. S.  
Shtokman and A. M. Bauman, 6 pp.

RUSSIAN, per, Zhur Khim Prom, Vol VI, 1930,  
pp 1436-1438.

SLA R-2179

Sci

Aug 58

72,404

Development of total currents in oceans under  
the action of wind, by V. Shtokman, V. Tsikunov,  
4pp.

RUSSIAN, per, Trudy Inst. Okeanologii, 9, p 5-22,  
1954.

SI<sup>A</sup> R-369

Sci

Aug 59

94, 433

The Water Masses of the Central Part of the Arctic Ocean, by V. B. Shtokman, 10 pp. UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, No 2, 1943, pp 68-74.

*Am Met Soc T-28394*

Air Res and Dev Command T-198-R

*Mo ex Tr / AT4195*

Scientific - Geophysics

Aug 54 CTS

*17,480*

USSR/Sol/Misc Geophysics

PC

Characteristics of the Spreading of Atlantic Waters in the  
Polar Basin, by V. B. Shtokman, 25 pp. UNCLASSIFIED  
RUSSIAN, per, ~~Dokl. Ak. Nauk SSSR~~, Vol XLVIII, 1945.

*Thrice 1110 per*

226  
42  
Navy Tr/H.O.

~~P May CTS~~

A11047

*now cts*

Sci/Geophysics

A Theory of Equatorial Counter-Currents in the Ocean, by  
V. B. Sitokman, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-a-week, Dok Ak Nauk SSSR, Vol III, 1946.

Navy Tr 227/H.O.

A11044

Nov 46



Effect of Bottom Topography on the Direction of the  
Transport of Water Set up by the Wind of the Mass-  
Field in a Nonhomogeneous Ocean, by V. B. Shtokman.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 5, 1948,  
pp 889-892.

*12/1/48*  
ABC Tr 1461

NZDIA

Scientific - Geophysics, Nonhomogeneous ocean

*See copy of Bulletin - Nat. Dec 52 CTS/DEX A 11052*  
*Also DRB, Carden, T 57R CIA D 450399*

The Horizontal Expansion of Temperature Anomalies  
in the Ocean, by V. B. Shtokman, 9 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1940, pp  
7-12. 649537

Amer Meteorol Soc  
for Geophys Res Dir  
ASTIA

Sci - Geophys

Oct 59

99,537

USSR /Sci/Miscellaneous

PL

*gopubgoss*

A Tentative Indirect Determination of the Velocities of the Trade Winds in the Equatorial Pacific, by V. B. Shtokman, 6 pp. UNCLASSIFIED

Russian, Dok Ak Nauk SSSR, Vol LIII, <sup>No 62</sup> 1946.

*thrice-mo*

<sup>229</sup>  
Navy Tr/H.O.

~~P-May 078~~

*now 075*

A11054

Influence of Wind on Currents in Bering Strait, the  
uses of Their High Speeds and Predominantly Northerly  
motion, by V. B. Shtokman.

STAN, per, Trudy Instituta Okeanologii Ak Nauk SSSR,  
1 XXV, 1957, pp 171-197. CIA 9071914

Dept of Interior  
SH211, E82, No 260

I - Geophysics  
p 60  
of SLA 60-17119  
III, No 12

126,952

USSR/Sci ~~Atlas~~ *Geophysics*

27

Characteristic Features of the Coastal Circulation in the Sea, and Their Connection With the Transverse Non-uniformity of the Wind, by V. B. Shtokman, 6 pp.

UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, ~~1946~~ Vol LIV, No 3, 1946.

*thrice mo*

*230*  
*2*  
*\*Navy Tr/H.O.*

~~P May CTS~~

*Nov CTS*

*A 11055*

Sci/Geophysics

Equations of a Field of Total Flow Induced by the Wind in  
a Nonhomogeneous Sea, by V. B. Shtolman, 5 pp. ~~UNCLASSIFIED~~

~~RUSSIAN~~, three-mo per, Dok Ak Nauk SSSR, Vol LIV, 1946.

Nav. Tr 231/H. C.

Nov cts

A11056

A11056

USSR/Sci, *Geophysics* PC

Theoretical Model of the Circulation of the Surface of the Ocean in the Region of the Equatorial Counter Current, by V. B. Shtokman, 4 pp, H. ~~(DD PA 3490)~~ UNCLASSIFIED  
 RUSSIAN, ~~per~~ Dok Ak Nauk SSSR, Vol LVII, No 7, 1947.

*Historico*

*232*  
 Navy Tr/H.O.

*1957*  
 P-May-ETS  
*nov 42*

*11057*

USSR/Sci/Atlas *Geophysics*

PC

New Indicators of the Significance of the Irregularity of the Wind as One of the Reasons for Circulation in the Sea, by V. B. Shtokman, 6 pp. (~~PDB PA-50039~~), UNCLASSIFIED RUSSIAN, per, Dok Ak Nauk SSSR, VolLVIII, No 1, 1947.

*Atkacova*

*133*  
Navy Tr/H.O.

P-May CTS  
*now*

A11058

68  
Pulsations of the Horizontal Components  
of the Velocity of Ocean Currents Owing  
to Large-Scale Turbulence, by

V. B. Shtokman,

RUSSIAN, per, IZV. AN SSSR, Ser Geograf-  
icheskaya i Geofizicheskaya, 1941,

pp. 475-483.

NRCC C-8842

HTC-88-30206

Sci/ear sci  
Apr 70

V. B. Shtokman

484,735

61  
Pulsations of the Horizontal Components of the  
Velocity of Ocean Currents Giving to Large-Scale  
Turbulence, by V. B. Shtokman, 18 pp.  
RUSSIAN, per, Izvestiya Akad Nauk SSSR, Seriya  
Geograficheskaya i Geofizicheskaya, 1941, pp 475-483.

Dept of Interior  
Bureau of Commercial Fisheries  
Office of Foreign Fisheries  
A-54-Dec 1969-No 72  
On Loan

V. B. SHTOKMAN

Sci/Ear Sci  
Mar 70

404,786

Pulsations of the Horizontal Components of the  
Velocity of Ocean Currents Owing to Large-Scale  
Turbulence, by V. B. Shtokman, 18 pp. 79  
RUSSIAN, per, Izvestiya Akad Nauk SSSR, Seriya  
Geograficheskaya i Geofizicheskaya, 1941, pp 475-483.  
Dept of Interior  
BCF/OFF  
A-36-Feb 1970-No 86  
On Loan

V. B. Shtokman

Sci/Ear Sci  
May 70

The Use of Complete Flow for the Calcula- 79  
tion of Circulation Induced by Nonuniform  
wind in a Sea having Elliptical Form,  
by V. B. Shtokman.  
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, 19  
1952, pp 51-66.  
\*Dept of Navy/Oceanographic

*Shtokman, V. B.*

Sci - USI  
MAR 66

USSR/Sci/Geophysics

PC

Significance of Wind and Relief of the Bottom on the Formation of Observed Features of the Dynamic Topography of the South Atlantic Ocean, by V. B. Shtokman, 6 pp.

UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol IX, 1948.

*Thicamo*

*236*

\*Navy Tr/H.O.

~~P May~~ CTS

*hw*

*A11059*

Attempted Generalization of the Data on Critical  
Thermal Flows at the Boiling Points of Liquids in  
the High Flow Velocity Range, by L.S. Shtokolov.  
RUSSIAN, per Zhurnal Prikladnoi Mekhaniki i  
Tekhnicheskoi Fiziki, Vol. 1, 1964, pp 134-136  
NLL/RTS 2832 - 7a 6 d

*L. S. SHTOKOLOV.*

Sci -  
Sep 67

339-815

A Rapid Method for Determining the Silica in "Uralit"  
Clay and Kaolin, by T. F. Eroshayukova, N. N.  
Shtal'man, 3 pp.

~~RUSSIAN~~, per, Steklo i Keramika, Vol XVII,  
No 7, 1960, pp 32-34.

CB

Sci

Treatment of Liquid Laboratory Wastes Contain<sup>ing</sup>  
Certain Radioactive Isotopes, by V. V. Vol'kshin,  
A. K. Shtol'ts. 6pp.

RUSSIAN, per, Radiokhim, Vol IV, No 2, 1962,  
pp 220-226.

CB

245,840

102

Jan 64

Concerning the Nature of Indium Dichloride, by V. D.  
Puzako, E. I. Krylov, A. K. ~~Shtol'tse~~<sup>ts</sup>, 7 pp.

RUSSIAN, per, Zhur Georg Khia, Vol II, No 8, 1957,  
pp 1753-1756.

ABC-tr-4058

PL-480

Sci

Apr 61

PST No 85

145,245

Question on Frontal Diffusion in Industrial Iron, by  
V. I. Arkharov, K. A. Yefremova, S. I. Ivanovskaya,  
A. K. Shtol'ts, B. A. Yunikov, *3 pp*

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vo. LXXXIX,  
No 2, 1953, pp 269-270.

NSF Tr 48

Scientific - Minerals/Metals

CTS/DEX

4537

On the Change in the Domain Structure of Magnetically  
Uniaxial Ferromagnets in a Magnetic Field, by  
I. A. S. Shur, E. V. Shtol'ts, A. A. Glazer,

RUSSIAN, per, Fiz. Met. Metallov, Vol VIII, No 5,  
1959, pp 685-688, 9072598.

MDF S-162

Sci

*122, 322*

Nov 60

On the Temperature Dependence of the Magnetic  
Properties of Magneto-textured Samples of Powder  
of the Alloy  $MnBi_2$ , by IA. S. Shur, E. V. Shtol'ts,  
G. S. Kandaurova, L. V. Redneva,

RUSSIAN, per, Fiz. Met. i Metallov, Vol VIII,  
No 5, 1959, pp 678-684, 9072599.

MDF 8-161

Sci

132, 321

Nov 60

10 707

GE-1

E. V. SHTOL'TS, Ja. S. SHUR, G. S. KANDAUROVA

Anisotropy of the coercive force in magnetically anisotropic samples of finely granulated powders

Über die Anisotropie der Koerzitivkraft in magnetisch anisotropen Proben aus feinkörnigen Pulvern

Izvest. Akad. Nauk SSSR, Ser. Fiz., 22, No. 10, 1269-1272 (1958)

348 - German

E u r a t o m

Magnetic Structure of Small Monocrystalline  
Particles of  $MnBi$  Alloy, by Ya. S. Shur, E. V.  
Shtol'ts, V. I. Margolina, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII,  
No 1, 1960, pp 46-50.

Amer Inst of Phys  
Sov Phys - JETP  
Vol XI, No 1

Sci -  
Aug 60

122,138

Characteristics of Technical Magnetization in Grain-Oriented Fine Powder Specimens, by Ya. S. Shur, E. V. Shtol'ts, G. S. Kandaurova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI, No 9, 1957, pp 1215-1219.

Columbia Tech

Sci - Phys  
Jan 59

78,667

Anisotropy of the Coercive Force in Magnetically  
Anisotropic Fine-powder Specimens, by E. V.  
Shtol'ts, Ya. S. Shur, and G. S. Kandyanova,  
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,  
No 10, 1958, pp 1258-1261.

Columbia Tech

Sci

101, 814

Dec 59

Magnetic Properties of Magnetically Anisotropic  
Specimens Made From Ferromagnetic Powders, by  
I. Magnetization Curves and Individual Hysteresis  
Loop Cycles, by E. V. Shtol'ts, Ya. S. Shur,  
G. S. Kandayurova, 7 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 3,  
1957, pp 412-420.

Pergamon Press

Sci

102,155

Dec 59

Magnetic Properties of Magnetically Anisotropic  
Specimens Made From Ferromagnetic Powders,  
II. Dependence of Magnetization Curves on the  
Method Used for Bringing About a Demagnetized  
State, by Ya. S. Shur, E. V. Shtol'ts, G. S.  
Kandayurajova, 6 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 3,  
1957, pp 421-427.

Pergamon Press

Sci

102, 157

Dec 59

The Domain Structure in High Coercivity Manganese-Bismuth Alloys, by Ya. S. Shur, E. V. Shtol'ts, G. S. Kandaurova, L. V. Bulatova, 6 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 2, 1957, pp 234-240.

Pergamon Inst

Sci - Min/Mst  
Nov 58

77,096.

Anisotropy of Magnetic Properties in Powder  
Samples of MnBi Alloy, by Y. V. Shtol'ts and  
Y. S. Shur, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCV,  
No 4, 1954, pp 781-784.

Dept of Commerce  
Patent Office  
Sci Lib (gift)

58,627

Sci - ~~chem~~; Physics  
Feb 58

Magnetic reversal processes in monocrystalline  
particles of the alloy MnBi

By Ye. V. Shtol'ts, Ya. S. Shur, 6 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XIII, No 3,  
1962.

PP

Sci

Aug 63

342,404

Shtol'ts, Ye. V., Shur, Ya. S., and Kandaurova, G. S.

THE ANISOTROPY OF COERCIVE FORCE IN MAGNETICALLY ANISOTROPIC FINE POWDER SPECIMENS (Ob anizotropii Koertsitivnoy Sily v Magnitno-anizotropnykh Obraztsakh iz Tonkikh Poroshkov) tr. by E. G. Peters. 15 Feb 60, 7p. (2 figs. omitted) 7 refs. M1906.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-13296

Trans. of \*Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, 1958, v. 22, no. 10, p. 1269-1272.

Measurements were made of the coercive force of magnetically uniaxial powders of cobalt, Mn-Bi alloy, magnetite, and  $\gamma$ -ferric oxide. Angular-dependence curves showed that in textured specimens prepared from magnetically uniaxial powders the angular dependence of  $H_c$  may vary in character. A complicated dependence of  $H_c$  on  $\varphi$ , in which  $H_c$  has its maximum at a value of  $\varphi$  lying somewhere between  $0^\circ$  and  $90^\circ$  (Physics--Magnetism, TT, v. 5, no. 6) (over)

61-13296

1. Metal powders--Magnetic properties
2. Ferromagnetic materials--Magnetic properties
1. Shtol'ts, Ye. V.
- II. Shur, Ya. S.
- III. Kandaurova, G. S.
- IV. DSIR LLU M. 1906

Office of Technical Services

Changes in The Activity of Hemostatic Blood  
Preparations Caused by The Ultra-High Frequency  
Electric Field, by V. R. Stal'tser, 5 pp.

RUSSIAN, per, Problemy Gematologii i Ferul Krovi,  
VOL III, No 3, 1958, pp 38-42.

Pergamon Inst

Sci - Med

Feb 59

81,853

Growth of Bulgarian Food Industry, by  
Vladimir Shtors, 12 pp. 11  
BULGARIAN, per, Ekspresna Informatsiya -  
Khranitelna Promishlennost, No 3, Mar 1966,  
pp. 1-6.  
JPRS 36385

Vladimir Shtors

EE-Bulgaria  
Econ  
Jul 66

306,795

The Thermal Stability of Sulfur Compounds of Kuybyshev  
Oblast Crudes, by Ye. I. Skripnik, V. I. Isafulyants,  
I. K. Shtov, 12 pp.

RUSSIAN, per, Khim i Tekh Topliva, Moscow, No 5, 1956,  
pp 1-7.

ATIC F-TS-9068/V

Sci - Fuels  
Mar 1957 CTS

*45, 052*

Possible Lines of Development for Automatically  
Regulated Turbo-Generator Excitation Systems, by  
Ya. N. Shtrafun.

RUSSIAN, per, Elektrichestvo, No 12, 1959, pp 10-13

*OTS 61-23261*    *NLL M. 2660*

Sci - Engr.

Nov 61

*174,426*

Investigation of an Automatic Excitation System  
for High-Capacity Turbogenerators With Semiconductors  
Power Rectifiers, by Ya. N. Shtrafun. UNCL

RUSSIAN, per, Elektrichestvo, No 8, 1958, pp 37-41.

DSIR LLU (loan) M.307

Sci - Electricity

Jun 59

88,457

Automatic Control of the Excitation of Induction  
Wheel Generators, by Ya. N. Shtrafun. UNCLAS

RUSSIAN, per, Elektrosila, No 14, 1956,  
pp 40-44.

DSIR Lending Library Unit M.9

Sci - Electric  
Apr 59

83,958

Copolymers of Maleate and Methacrylate Polyesters-  
A New Type of Binder for Glass-Reinforced Plastics,  
by G. A. Shtraikhman, I. M. Al'shits,  
V. V. Meshcheryakov, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 4,  
1961, pp 888-894.

CB

Sci-Mar 62

187,166

Copolymers of Maleate and Methacrylate Polyesters -  
A New Type of Binder for Glass-Reinforced Plastics,  
by G. A. Shtraikhman, I. M. Al'shits,  
V. V. Meshcheryakov, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 4,  
1961, pp 888-894.

CB

Sci  
Mar 62

187, 162

Thiotropic Systems Based on FN-1 Unsaturated Polyester  
Resin and Silica Powder, by G. A. Shtraikhman, I  
I. M. Al'shits, I. A. Zhidobina, R. G. Luchko,  
6 pp.

RUSSIAN, per, Zhur, Prik Khim, Vol XXXIII, No 11,  
1960, pp 2586-2592.

CB

*170,353*

Sci

Sep 61

Delayed Neutrons Which Accompany Photofission of  
Uranium and Thorium, by L. E. Lazareva, B. S.  
Ratner, I. V. Shtranikh, 6 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol  
XXIX, No 3, 1955, pp 274-279.

American Inst of Physics  
Soviet Physics, Vol II, No 2

Sci - Physics  
Feb 57 CTS

43,821

Delayed Neutrons From Photofission of Uranium and  
Thorium, by L. E. Lazareva, B. S. Ratner, I. V.  
Et Shtranikh, 8 pp.

RUSSIAN, per, Zhur Eksper i Teor Fiz, Vol XXIX,  
No 3, 1955, pp 274.

A.E.R.E. Harwell Lib Tr 651  
Sci Mus Lib 56/1160

Sci - Nuclear physics

39492

A 1024-Channel Time Analyzer, by L. A. Matalin,  
A. M. Shimanskiy, S. I. Chubarov, I. V. Shttranikh,  
7 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 3, 1960,  
pp 54-63.

Interntl Phys Index  
Electronics Express  
Vol III, No 1

Sci - Electron

Oct 60

128,818

Measurements of the Yields and Effective Cross  
Sections of the  $D(t,n)He^4$  and  $D(d,p)^3He$  Reactions  
Using Thick Targets of Heavy Ice, by E. M. Balabanov,  
I. Ya. Barit, L. N. Katsaurov, I. M. Frank, I. V.  
Shtanikh, 6 pp.

RUSSIAN, per, *Atomnaya Energiya*, Supple No 5, 1957,  
pp 48-56. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys  
Nov 58

77,082